

## PERSONAL INFORMATION

## Miroslav Kutal



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Sex male | Date of birth 25/02/1983 | Nationality Czech

## POSITION

Miroslav has been working professionally on large carnivore issues since 2006 in both management and academic positions. He has coordinated several national and transnational projects focused on large carnivores and has participated in many international projects, mainly funded by the EU. He mainly focuses on population ecology of wolves and lynx, conservation policy, involvement of volunteers in field data collection and involvement of science in decision-making processes. He has published a number of scientific papers and presented his research at various international conferences.

## WORK EXPERIENCE

03/2015 –today

## Academic researcher

Mendel University Brno, Faculty of Forestry and Wood Technology, Department of Forest Ecology ([www.mendelu.cz](http://www.mendelu.cz))

- Preparation of publications, data analyses
- Coordination of projects focused on large carnivores
- Teaching and supervision of students

Business or sector Public education / Nature conservation

11/2006 - today

## Project coordinator / scientific advisor – large carnivore conservation and monitoring

Hnutí DUHA Šelmy, Olomouc, Czech Republic, (<http://www.selmy.cz>)

- Coordination or supervision of various projects on large carnivore conservation and monitoring
- Communication with media, experts, different stakeholders and volunteers
- Focus area: large carnivore ecology

Business or sector Nature conservation

## EDUCATION AND TRAINING

2011 – 2014

## PhD degree in Forest Ecology

Mendel University in Brno, Brno, Czech Republic

- Forest Ecology, Animal Ecology, Advanced Method in Statistics
- PhD thesis "Ecology of Eurasian lynx (*Lynx lynx*) and grey wolf (*Canis lupus*) in the West Carpathians and their significance in a forest ecosystem"

2001 – 2007

## Master degree (Mgr.) in Systematic Biology and Ecology

Palacký University Olomouc, Olomouc, Czech Republic

- Zoology

2004–2007

## Parallel Studies in Pedagogy of Biology

1/2006–6/2006

Palacký University Olomouc, Faculty of Science, Czech Republic

- Pedagogy in Biology, Special and General Pedagogy, Psychology

**Erasmus Scholarship**

Swedish University of Agricultural Sciences, Uppsala, Sweden

- Courses in Insect Ecology and Forest Protection

## PERSONAL SKILLS

Mother tongue(s) Czech

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C1	C2	C2	C2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

Communication skills

- presenting at international conferences, general moderation of workshops, preparing workshop materials and conference presentations, communication skills

Organisational / managerial skills

- Project development, planning and project management skills
- Supervision of projects
- Organisation of conferences and workshops
- International conference coordination, international study tours organization
- Coordination of research tasks, field work, data analyses and preparation of manuscripts

## PROJECTS

**Monitoring of carnivore species of European importance in selected Natura 2000 sites** (EEA grant, Reg. No. EHP-CZ02-OV-1-063-01-2014 Position: leading project manager (1/2015–4/2016))

The goal of the project was to bring reliable information about the occurrence of large carnivores, especially in our northern Sudeten mountains from the Jeseníky to the Ore Mountains, where monitoring has not yet been carried out systematically. Mapping of carnivores also took place in the Carpathian region (Beskydy and White Carpathians) and special attention was paid to the wild cat throughout the territory of the Czech Republic. During the monitoring, the animals' residence signs were followed, the mappers installed camera traps, modern molecular genetic methods helped in the analysis of the biological samples obtained during tracking, and all the obtained data were evaluated within the framework of special habitat models. Other project partners included: The University of Ostrava, Faculty of Natural Sciences of the Charles University in Prague, Administration of the Krkonoše National Park, Administration of the Bohemian Switzerland National Park and the Nature Conservation Agency of the Czech Republic. Main activities:

- Overall management of the project team of experts (5 partners)
- Coordination of monitoring among different stakeholders
- Management of sub-contractors including contracts
- Implementation of stakeholder workshops,
- Data Analyses
- Creation of publications and website
- Organization of Final Conference (about 50 participants)

**Monitoring of transborder wolf population in the Western Beskid Mountains** (EuroNatur Stiftung Ref No. CZ-14-470-12, CZ-15-470-21, CZ-16-470-35, CZ-18-470-85, CZ-19-470-32, CZ-21-470-14 (position: leading project manager (1/2014-12/2021).

The project was focused on increasing wolf population inhabiting Polish-Czech transboundary areas and with the main aim to increase tolerance among farmers towards wolf presence. Activities, conducted in co-operation between NGOs from Poland and Czech Republic encompass mainly robust monitoring of the species and a support for farmers to realize preventive measures against wolf attacks. The polish partner was Association for Nature WOLF. Main activities:

- Overall management of the project team (5 experts)
- Coordination of monitoring among different stakeholders
- Data Analyses
- Communication with farmers
- Communication with media

**Integrated Transport and Green Infrastructure Planning in the Danube-Carpathian Region for the Benefit of People and Nature** (Danube Transnational Programme, DTP1-187-3.1 – TRANSGREEN) Position: Project Manager, 1/2017-6/2019)

TRANSGREEN project aimed to contribute to safer and environmentally-friendly road and rail networks in mountainous regions of the Danube Basin with a special focus on the Carpathian Mountains. It was achieved by improving planning frameworks and developing concrete environmentally-friendly and safe road and rail transport solutions taking into account elements of Green Infrastructure, in particular ecological corridors. An interdisciplinary partnership comprised of planners, economists, engineers, and ecologists integrated and applied their specific knowledge across the region and cooperate on developing Guidelines on integrated transport infrastructure planning, construction, management and monitoring, taking into account aspects of road safety and biodiversity conservation. Partners collaborated on the production of ready-to-use methodologies for stakeholder participation processes, training modules on Environmental Impact Assessment with a focus on ecological corridors, and Catalogues of measures for each of the four pilot sites located in (one located in Beskydy (CZ-SK)

Main activities:

- Overall management of the national project team (5 experts)
- Coordination of monitoring among different stakeholders
- Data Analyses
- Communication with road planners and other stakeholders
- Organizing workshops and meetings
- Communication with media

**Concrete actions for maintaining wolves wild in anthropogenic landscapes of Europe: LIFE WILD WOLF** (EU's LIFE programme, . LIFE21-NAT-IT- LIFE-WILD-WOLF/101074417, 1/2023-8/2027). Position: project manager of the Czech partner (MENDELU).

LIFE WILD WOLF aims to improve the technical capacity of relevant authorities in managing and preventing human-related conflicts by promoting practices that preserve the wolf's wild nature and enhance people's ability to adapt to its unexpected presence. The project is implementing a series of integrated science-practice-management actions to better understand, prevent, and mitigate conflicts across eight European countries, in collaboration with 18 partners, including research institutions, management authorities, and NGOs.

Main activities:

- Overall management of the national project team
- Coordination of analyses of bold cases of wolves across Europe
- Communication with different stakeholders involved in wolf interactions
- Coordination of approved intervention actions against bold wolves
- Media communication

### Selected publications

- Kutal, M., Duľa, M., Selivanova, A.R. & López-Bao, J.V., 2024: Testing a conservation compromise: No evidence that public wolf hunting in Slovakia reduced livestock losses. *Conservation Letters*, 17, e12994.
- Burton, A.C. et al., 2024: Mammal responses to global changes in human activity vary by trophic group and landscape. *Nat. Ecol. Evol.*, 8, 924–935.
- Duľa M., Nicol C., Bojda M., Labuda J., Slamka M. & Kutal, M., 2023: The first insight into hunting and feeding behaviour of the Eurasian lynx in the Western Carpathians. *Mammal Research*, 68, 237–242.
- Singer L., Wietlisbach X., Hickisch R., Schoell E.M., Leuenberger C., Van den Broek A., Désalme M., Driesen K., Lyly M., Marucco F., Kutal M., Pagon N., Papp C.R., Milioni P., Uzdras R., Zihmanis I., Zimmermann F., Marsden K., Hackländer K., López-Bao J.V., Klenzendorf S. & Wegmann, D., 2023: The spatial distribution and temporal trends of livestock damages caused by wolves in Europe. *Biological Conservation*, 282, 110039.
- Kutal M., Duľa M., Krojerová-Prokešová J., Belotti E., Volfová J. & Bufka L., 2021: Uncoordinated reintroductions of Eurasian lynx might be a threat for the species recovery in Central Europe. *Biodiversity and Conservation* 30:3737–3740 [IF 3.55].
- Kutal M., Duľa M., 2020: Evidence-based hunting policy needed in Slovakia. *Science*, 370 (6521): 1174. [IF 41,85].
- Duľa M., Bojda, M., Chabanne D.B.H., Drengubiak P., Hrdý, L., Krojerová-Prokešová J., Kubala J., Labuda J., Marčáková L., Oliveira T., Smolko P., Váňa M., Kutal M., 2021: Multi-seasonal systematic camera-trapping reveals fluctuating densities and high turnover rates of Carpathian lynx on the western edge of its native range (2021) *Scientific Reports*, 11 (1): 9236 [IF 4.00].
- Salvatori V., Donfrancesco V., Trouwborst A., Boitani L., Linnell J. D. C., Alvares F., Åkesson M., Balys V., Blanco J. C., Chiriac S., Cirovic D., Groff C., Guinot-Ghestem M., Huber D., Kojola I., Kusak J., Kutal M., Iliopoulos Y., Ionescu O., Majic Skrbinek A., Mannil P., Marucco F., Melovski D., Mysłajek R. W., Nowak S., Ozolins J., Rauer G., Reinhardt I., Rigg R., Schley L., Skrbinek T., Svensson L., Trajce A., Trbojevic I., Tzingarska E., von Arx M. & Ciucci P., 2020: European agreements for nature conservation need to explicitly address wolf-dog hybridisation. *Biological Conservation* 248, 108525 [IF 4,71].
- Kutal, M., Kovařík, P., Kutalová, L., Bojda, M. & Dušková, M. (2018). Attitudes towards large carnivore species in the West Carpathians: Shifts in public perception and media content after the return of the wolf and the bear. In: *Large Carnivore Conservation and Management*. Routledge, pp. 168–189.
- Kutal M., Váňa M., Suchomel P., Chapron G. & López-Bao J. V. 2016: Trans-Boundary Edge Effects in the Western Carpathians: The Influence of Hunting on Large Carnivore Occupancy. *PLOS ONE* 11(12): e0168292 [IF 3,54].
- Chapron G., Kaczensky P., Linnell J.D.C., von Arx M., Huber D., Andrén H., López-Bao J.V.(...), Kutal M. (...) & Boitani L., 2014: Recovery of large carnivores in Europe's modern human-dominated landscapes. *Science* 346: 1517–1519 [IF 31,48].
- Kovařík P., Kutal M. & Machar I, 2014: Sheep and wolves: Is the occurrence of large predators a limiting factor for sheep grazing in the Czech Carpathians? *Journal for Nature Conservation* 22 (5): 479–486. [IF 1,83].

### Memberships

- Large carnivore initiative of Europe (LCIE) –expert group of IUCN Species Survival Commission.
- Scientific group of Nature Conservation Agency of the Czech Republic focused on transport and energy infrastructure.